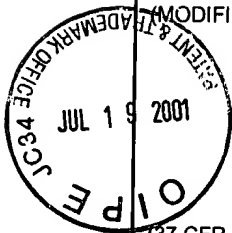


Paper #10

Sheet 1 of 2



SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR §1.98(b))

Attorney Docket No. 50074/004003
Serial No. 09/363,100
Applicant Don Mickle et al.
Filing Date July 29, 1999
Group 1651
IDS Filed July 17, 2001

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
1 VA	5,199,942	04/06/93	Gillis	604		
2	5,202,120	04/13/93	Silver et al.	424		
3	5,197,985	03/30/93	Caplan et al.	623		
4	5,226,914	07/13/93	Caplan et al.	435		
5	5,486,359	01/23/96	Caplan et al.	424		
6	5,543,318	08/06/96	Smith et al.	435		
7	5,580,779	12/03/96	Smith et al.	435		
8	5,602,301	02/11/97	Field	800		
9	5,733,727	03/31/98	Field	435		
10	5,736,396	04/07/98	Bruder et al.	435		
11	6,099,832	08/08/00	Mickle et al.	424	93.21	
12 VA	6,110,459	08/29/00	Mickle et al.	424	93.21	

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Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
13 VA	WO 95/12979	05/18/95	PCT			
14 VA	WO 95/14079	05/26/95	PCT			
15 VA	WO 95/34581	12/21/95	PCT88			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

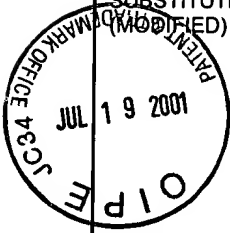
16 VA	Asahara et al., "Isolation of putative progenitor endothelial cells for angiogenesis," Science 275:964-967 (1997).
17	Chiu et al., "Cellular cardiomyoplasty: Myocardial regeneration with satellite cell implantation," The Society of Thoracic Surgeons 60:12-18 (1995).
18	Christlieb et al., "Cellular Cardiomyoplasty," Ann. Thoracic Surgery 61:772-773 (1996).
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20	Grigoriadis et al., "Differentiation of muscle, fat, cartilage, and bone from progenitor cells present in a bone-derived clonal cell population: effect of dexamethasone," Journal of Cell Biology 106:2139-2151 (1988).
21	Gussoni et al., "Normal dystrophin transcripts detected in Duchenne muscular dystrophy patients after myoblast transplantation," Nature 356:435-438 (1992).
22	Koh et al., "Differentiation and long-term survival of C2C12 myoblast grafts in heart," Journal of Clinical Investigation 92:1548-1554 (1993).
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V. Afanador

10-05-01

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Sheet 2 of 2



SUBSTITUTE FORM PTO-1449 (MODIFIED)

U.S. DEPARTMENT OF COMMERCE
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Attorney Docket No.	50074/004003
Serial No.	09/363,100
Applicant	Don Mickle et al.
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U.S. PATENTS

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24	VA	Li et al., "Method of culturing cardiomyocytes from human pediatric ventricular myocardium," J. Tiss. Cult. Mech. 14:93-100 (1992).
25	↑	Li et al., "Effect of donor age on contractility of transplanted rat cardiomyocytes," Journal of Molecular and Cellular Cardiology. Volume 26, No. 7 (1994).
26		Li et al., "Cardiomyocyte transplantation improves heart function," Ann. Thoracic Surgery 62:654-661 (1996).
27		Li et al., "Human pediatric and adult ventricular cardiomyocytes in culture: assessment of phenotypic changes with passaging," Cardiovascular Research 32:362-373 (1996)
28		Li et al., "In vivo survival and function of transplanted rat cardiomyocytes," Circulation Research 78:283-288 (1996)
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31		Murry et al., "Skeletal myoblast transplantation for repair of myocardial necrosis," Journal of Clinical Investigation 98:2512-2523 (1996).
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33		Saito et al., "Myogenic expression of mesenchymal stem cells within myotubes of mdx mice in vitro and in vivo," Tissue Eng. 1:327-343 (1998).
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35		Soonpaa et al., "Formation of nascent intercalated disks between grafted fetal cardiomyocytes and host myocardium," Science 264:98-101 (1994).
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.



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Sheet 1 of 2

SUBSTITUTE FORM PTO-1449
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket No.

50074/004003

Serial No.

09/363,100

Applicant

Don Mickle et al.

Filing Date

July 29, 1999

Group

1651

IDS Filed

September 7, 2001

Customer No.

21559

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
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U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
VA	WO 99/03973	01/28/99	PCT			
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2	VA	Kim et al., "Surgical angiogenesis induced by autologous cell transplantation (oral)" <i>The Society of Thoracic Surgeons, 35th Annual Meeting</i> , San Antonio, TX (Jan. 1999), p.298				
3	↑	Li et al., "Autologous cardiomyocyte transplantation improved porcine heart function after a myocardial infarction (oral)," <i>American Association of Thoracic Surgery, 79th Annual Meeting</i> , New Orleans, LA (Apr. 1999), p.120.				
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5		Li et al., "Smooth muscle cell transplantation into myocardial scar tissue improves heart function," <i>Journal of Molecular Cell Cardiology</i> 31:513-522 (1999)				
6		Li et al., "Survival and function of bioengineered cardiac grafts," <i>Circulation</i> 100(Suppl II):63-69 (1999)				
7		Sakai et al., "A comparison of three fetal cell types for transplantation into a myocardial scar to improve heart function (oral)," <i>American Association of Thoracic Surgery, 79th Annual Meeting</i> , New Orleans, LA (Apr. 1999), page 110.				
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10		Sakai et al., "Fetal cell transplantation: A comparison of three cell types," <i>Journal of Thoracic and Cardiovascular Surgery</i> 118 (4): 715-725 (1999)				
	VA	Thompson et al., "Fetal transplants show promise," <i>Science</i> 257:868-870 (1992)				

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V. *Afrum*

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10-05-01

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Sheet 2 of 2

<p>SUBSTITUTE FORM PTO-1449 (MODIFIED)</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)</p> <p>(37 C.F.R. §1.98(b))</p>	<p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p>	<table border="1"><tr><td>Attorney Docket No.</td><td>50074/004003</td></tr><tr><td>Serial No.</td><td>09/363,100</td></tr><tr><td>Applicant</td><td>Don Mickle et al.</td></tr><tr><td>Filing Date</td><td>July 29, 1999</td></tr><tr><td>Group</td><td>1651</td></tr><tr><td>IDS Filed</td><td>September 7, 2001</td></tr><tr><td>Customer No.</td><td>21559</td></tr></table>	Attorney Docket No.	50074/004003	Serial No.	09/363,100	Applicant	Don Mickle et al.	Filing Date	July 29, 1999	Group	1651	IDS Filed	September 7, 2001	Customer No.	21559
Attorney Docket No.	50074/004003															
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VA	Tomita et al., "Autologous transplantation of bone marrow cells improves damaged heart function," <i>Circulation</i> 100 (Suppl II):247-256 (1999)
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